

Comprehensive test solutions around 400ZR



ECOC 2022

OIF Interoperability Demos Booth #701

400ZR Optics

At its most basic, coherent optical technology utilizes low-cost standard optics transmitting 400G Ethernet over very long distances using DWDM and higher modulation schemes such as quadrature amplitude modulation (e.g., 8QAM and 16QAM).

These transceivers are very popular for DCI and metro applications, which will be demonstrated at the **OIF booth (#701)**. The interop demo includes EXFO's FTBx-88460 featuring its unique Open Transceiver System (OTS) supporting OSFP, QSFP-DD and CFP2-DCO for client and DCO applications.



Learn more about EXFO's 400G solutions

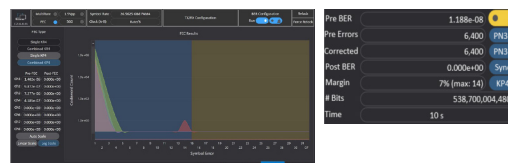
CEI-112G-LR-PAM4

Common Electrical IO (CEI) performance objective for 112 Gbit/s over a long reach electrical channel is a BER $\leq 1e-4$ (pre-FEC). The main challenge is keeping low power consumption with low-cost materials.

CEI-112G-LR PAM4 performance will be demonstrated at the OIF booth. The interop demo includes EXFO's BA-4000 800 Gbit/s bit analyzer, which can send and receive bits over a single 56Gbaud channel. The BA-4000 shows pre-/post-FEC BER results as well as FEC margin.



Discover EXFO's BA-4000 BER tester



Common Management Interface Specification (CMIS)

CMIS addresses host-to-module communication management via a two-wire interface. The common code base allows compliant modules to provide a set of management operations.

The OIF CMIS demo will show interoperability between CMIS compliant modules and EXFO's FTBx-88460, which features a unique open transceiver system. EXFO's iOptics is used to qualify the compliant module under test.



Learn more
about EXFO's
testing solutions

